

## EAST Search History

| Ref # | Hits | Search Query           | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|------------------------|---|------------------|---------|---------------------|
| L1    | 2    | "20080043381".pn.      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/28<br>08:17 |
| L2    | 2    | "20020149358".pn.      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/28<br>08:18 |
| L3    | 2188 | 324/207.25.ccls.       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/28<br>08:20 |
| L4    | 2164 | 324/207.21,252.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/28<br>08:21 |
| L5    | 1275 | 324/207.2.ccls.        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/28<br>08:21 |
| L6    | 857  | 73/514.31,514.39.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/28<br>08:21 |
| L7    | 290  | 324/249.ccls.          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/28<br>10:05 |
| L8    | 1    | continuous\$2 and 1    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/28<br>10:12 |

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| L9  | 1       | meander\$3 and 1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:14 |
| L10 | 0       | meander\$3 and 2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:14 |
| L11 | 185372  | amr or gmr or tnr or mre<br>or mr or magnetoresist\$4<br>or magnetoresistiv\$3 or<br>(magnet\$4 adj resist\$4)<br>or (magnet\$4 adj resistiv<br>\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:48 |
| L12 | 3730499 | sensor or detector or<br>transducer or encoder or<br>magnetometer or<br>gradiometer or hall or<br>resolver  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:50 |
| L13 | 34758   | 11 same 12  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:50 |
| L14 | 1725432 | (sens\$3 or measur\$5 or<br>detect\$3 or transducer or<br>encoder or magnetometer<br>or prob\$3 or gradiometer<br>or hall or resolver or<br>potentiometer) with<br>(rotary or rotat\$3 or<br>rotation\$4 or ang\$4 or<br>speed) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:51 |
| L15 | 12740   | 11 same 14  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:51 |

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| L16 | 100  | (((circular\$2 or circle or annular\$2 or dis\$1 or round\$2) near2 half) or semicircular\$2 or semicirc \$3 or semiannular\$2 or semidis\$1 or (semi adj circular\$2) or (semi adj circ\$3) or (semi adj annular\$2) or (semi adj dis \$1)) with 11     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:56 |
| L17 | 26   | 13 same 16   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:57 |
| L18 | 10   | 15 same 16   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:57 |
| L19 | 28   | 17 18  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>10:57 |
| L20 | 3119 | 360/324-327.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>12:11 |
| L21 | 856  | 360/313-316.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>12:11 |
| L22 | 1307 | (((circular\$2 or circle or annular\$2 or dis\$1 or round\$2) near2 half) or semicircular\$2 or semicirc \$3 or semiannular\$2 or semidis\$1 or (semi adj circular\$2) or (semi adj circ\$3) or (semi adj annular\$2) or (semi adj dis \$1)) with bridge | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>13:00 |

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| L23 | 34    | 12 same 22   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>13:01 |
| L24 | 152   | 12 and 22  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:04 |
| L25 | 118   | 24 not 23  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:04 |
| L26 | 7     | ((((circular\$2 or circle or<br>annular\$2 or dis\$1 or<br>round\$2) near2 half) or<br>semicircular\$2 or semicirc<br>\$3 or semiannular\$2 or<br>semidis\$1 or (semi adj<br>circular\$2) or (semi adj<br>circ\$3) or (semi adj<br>annular\$2) or (semi adj dis<br>\$1)) with wheatstone | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:04 |
| L27 | 70089 | PHILIPS adj<br>ELECTRONICS.as.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:09 |
| L28 | 5026  | PHILIPS adj<br>INTELLECTUAL adj<br>PROPERTY.as.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:10 |
| L29 | 26448 | KONINK adj PHILIPS adj<br>ELECTRONICS.as.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:10 |
| L30 | 28813 | 28 29  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:10 |

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| L31 | 0  | 22 and 30   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:11 |
| L32 | 58 | stefan near1 butzmann.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:12 |
| L33 | 6  | ((((circular\$2 or circle or<br>annular\$2 or dis\$1 or<br>round\$2) near2 half) or<br>semicircular\$2 or semicircl<br>\$3 or semiannular\$2 or<br>semidis\$1 or (semi adj<br>circular\$2) or (semi adj<br>circl\$3) or (semi adj<br>annular\$2) or (semi adj dis<br>\$1)) and 30 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:13 |
| L34 | 1  | ((((circular\$2 or circle or<br>annular\$2 or dis\$1 or<br>round\$2) near2 half) or<br>semicircular\$2 or semicircl<br>\$3 or semiannular\$2 or<br>semidis\$1 or (semi adj<br>circular\$2) or (semi adj<br>circl\$3) or (semi adj<br>annular\$2) or (semi adj dis<br>\$1)) and 32 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:13 |
| L35 | 1  | ground and 1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:55 |
| L36 | 0  | ground and 2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:55 |
| L37 | 0  | (voltage or potential) and<br>2   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:55 |

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| L38 | 15936 | bridge with ground                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>14:59 |
| L39 | 139   | 11 same 38                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:01 |
| L40 | 5742  | 438/3,14.ccls.                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:03 |
| L41 | 1748  | 257/421-427.ccls.                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:05 |
| L42 | 4559  | 365/7-9,158,171-173.ccls.                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:07 |
| L43 | 14526 | 73/488-520.01.ccls.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:07 |
| L44 | 26411 | 324/66-67,167-174,200-263.ccls.               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:07 |
| L45 | 55271 | 40 41 42 43 44 20 21                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:08 |
| L46 | 40277 | (layer or plate or substrate or film) with 11 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:11 |

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| L47 | 38170 | ((((electrical\$2 or metal\$3) near2 contact) or terminal) with ((measur\$5 or sens\$3 or detect\$3 or evaluat\$3) near3 current))          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:13 |
| L48 | 38277 | ((((electrical\$2 or metal\$3) near2 (pad or contact)) or terminal) with ((measur\$5 or sens\$3 or detect\$3 or evaluat\$3) near3 current)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:14 |
| L49 | 191   | 46 with 48  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:15 |
| L50 | 13    | 14 same 49  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>15:15 |
| L51 | 3987  | bridge same 11  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>17:08 |
| L52 | 72    | meander\$3 same 51  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>17:09 |
| L53 | 677   | (two or both or second or pair) adj3 bridge same 51   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>17:15 |
| L54 | 249   | (two or both or second or pair) adj1 bridge same 51   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>17:16 |
| L55 | 546   | (two or both or second or pair) adj2 bridge same 51   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>17:16 |

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| L56 | 492  | 14 and 53 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>17:17 |
| L57 | 5662 | 3 4 5 6 7 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>17:18 |
| L58 | 778  | 51 and 57 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>17:18 |
| L59 | 298  | 53 and 58 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/28<br>17:19 |

4/28/09 5:31:39 PM